

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134609

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111819
Calibration Std. hexchrome 0.05 ppm	WP111818
calibration std. hexchrome 0.01 ppm	WP111816
calibration std. hexchrome 0 ppm	WP111815
hexavalent chromium color reagent	WP111767
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP111817
Hexavalent Chromium ICV-LCS Std	WP111822
Calibration and CCV std HexChrome 0.5PPM	WP111820
Calibration std HexChrome 1.0PPM	WP111821

Intercept: -0

Slope: 0.7817

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.82	0.000	0.000	0.000	0		02/06/2025	15:30
2	CAL2	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	0	02/06/2025	15:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	02/06/2025	15:32
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	0.049	-2	02/06/2025	15:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	02/06/2025	15:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.498	-0.4	02/06/2025	15:35
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	1.000	0	02/06/2025	15:36

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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.96	0.000	0.391	0.391	0.500	02/06/2025	15:37
2	ICB		1	100	100		1.89	0.000	0.001	0.001	0.001	02/06/2025	15:38
3	CCV1	0.5	1	100	100		1.97	0.000	0.390	0.390	0.499	02/06/2025	15:39
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	02/06/2025	15:40
5	RL Check	0.01	1	100	100		1.93	0.000	0.008	0.008	0.010	02/06/2025	15:41
6	LB134609BL		1	100	100		1.82	0.000	0.000	0.000	0.000	02/06/2025	15:42
7	LB134609BS	0.5	1	100	100		1.98	0.000	0.394	0.394	0.504	02/06/2025	15:43
8	Q1325-02		1	100	100		2.18	0.000	0.000	0.000	0.000	02/06/2025	15:44
9	Q1325-02DU		1	100	100		2.16	0.000	0.000	0.000	0.000	02/06/2025	15:45
10	Q1325-02MS	1	2	100	100		2.16	0.000	0.381	0.381	0.487	02/06/2025	15:46
11	Q1325-02MS	1	2	100	100		2.19	0.000	0.384	0.384	0.491	02/06/2025	15:47
12	Q1325-04		1	100	100		2.27	0.000	0.001	0.001	0.001	02/06/2025	15:48
13	Q1325-06		1	100	100		2.19	0.001	0.001	0.000	0.000	02/06/2025	15:49
14	CCV2	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	02/06/2025	15:50
15	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	02/06/2025	15:51